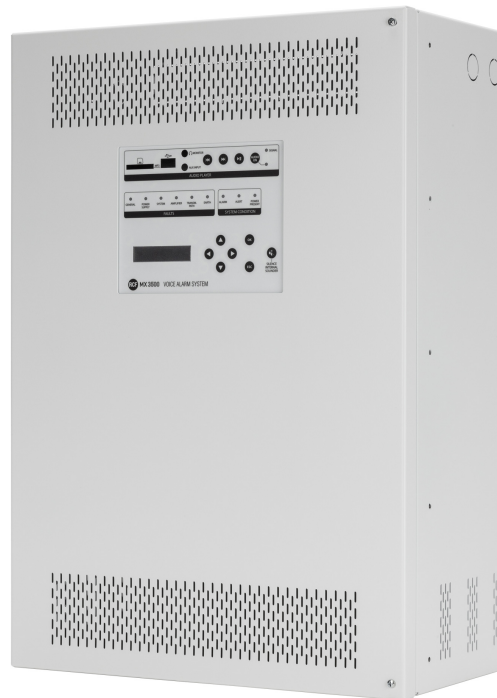




MX 3500/4

AMPLIFIED MASTER UNIT



Description

MX 3500 is the master unit of the Voice Alarm system DXT 3000, dedicated to small and medium size applications where an EN 54-16 certified system is required. It is equipped with powerful and exceptionally reliable Class D power amplifiers, able to provide up to 500 W of total power. Depending on the model, it is able to serve up to 6 independent zones. Moreover, the spare power amplifier facility is also available. The internal power supply is certified EN 54-4, and the back-up batteries can be host inside the cabinet, making the system a complete and extremely compact solution. Moreover, the on-board DSP platform allows optimizing environmental equalization, maximizing voice intelligibility and background music performance. The system can be completed with emergency microphone consoles BM 3804, BM 3804FM and ME 3801, and the buttons extensions BE 3806, allowing to add live announcements functionality.

Features

- › 500 W total power
- › Up to 4 zones controlled
- › DSP platform on-board
- › Certified EN 54-16 and EN 54-4
- › Emergency messages on monitored SD card
- › Spare power amplifier facility
- › Integrated audio source on front panel
- › Wall mount or rack mount installation

Part Number

12100010 MX 3500/4

220-240/115 V White

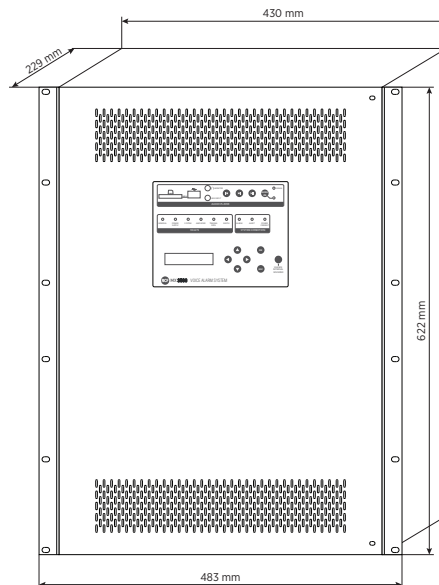
EAN 8024530014704



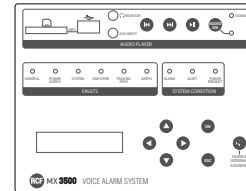
MX 3500/4

AMPLIFIED MASTER UNIT

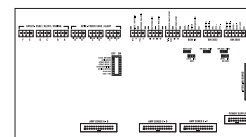
Line Art 2D



Front panel



Internal connections



System specifications

TECHNICAL SPECIFICATIONS

Number of zones managed
Built-in power amplifier
Spare amplifier automatic change-over
Max number of consoles
Number of console buses
Number of simultaneous emergency audio channels
Max number of units connectable
Communication bus
Connection Cables
Integrated pre-recorded emergency messages

4
Yes
Yes
4
1
1
8
Serial
J-Type fire-rated
Yes

Amplifier specifications

Amplifier Class
Number of channels
Power output (@ 100 V)
A/B speakers line
Frequency Response (-3dB)
Signal/noise rate ("A" weighted)
Distortion (THD+N) @ 1 kHz nominal power

D+
4
500 W RMS
Yes
80 Hz ÷ 16 kHz
>98 dB
<0.3 %

Input section

Total number of inputs
Balanced
Mono
Line inputs
Line connectors
VOX
Paging inputs
Paging connectors
Paging command
Paging emergency
General Purpose Inputs (GPI)
Monitored GPI
Photo-coupled GPI

3
3
3
2
Euroblock, JACK
Yes
1
Euroblock
Serial
Yes
6
6
6



MX 3500/4

AMPLIFIED MASTER UNIT

Output section	Signal output number	1
	Signal output connectors	JACK
	Power output lines	4
	Power output connectors	Euroblock
	General Purpose Outputs (GPO)	6
Processing	DSP	Yes
	Tone controls	Yes
	High-pass filter	20 Hz ÷ 500 Hz
Controls	Configuration	DIP switch, Front panel
	Chime tone	Yes
Protections	Cooling	Convection
	Short circuit	Yes
	Thermal	Yes
	DC	Yes
	Fuses	Yes
Audio sources	VHF (Very High Frequencies)	Yes
	USB pen drives	Yes
	SD card	Yes
Power requirement	Operating voltage	220-240/115 V- 50/60Hz
	Voltage selection	Internal
	DC power	Yes
	DC power value	48 V
	Power consumption	700 W
Standard compliance	IP protection grade	IP 30
	Safety agency	CE compliant
	EN54-16 certified	Yes
	EN54-4 certified	Yes
	CPR number	0068-CPR-007/2015
Physical specifications	Cabinet/Case Material	Metal
	Color	White
	Rack mounting	19", 14U
Size / Weight	Height	620 mm / 24.41 inches
	Width	430 mm / 16.93 inches
	Depth	230 mm / 9.06 inches
	Weight	20.7 kg / 45.64 lbs
Electronics	ACCESSORIES	
	14380036 BE 3806	EAN 8024530012120
	14322013 BM 3022	Grey EAN 8024530007034
	14380028 BM 3804	EAN 8024530012137
	14380037 BM 3804FM	Red - RAL 3000 EAN 8024530012885
	14322030 ME 3801	White EAN 8024530015732
	BATTERIES	
	13360317 BATT 18AH 2X	EAN 8024530015923
	BOARDS	
	12399015 IE 3008	Black EAN 8024530015152
Cables	12399049 IT 3010	Black EAN 8024530016388
	13360344 MG 3006	EAN 8024530013356
	END OF LINES	
	17170176 EOL 3-9	EAN 8024530011864
Cables	CABLES	
	12399047 CJ 428CAT	EAN 8024530016449